DOCUMENT RESUME

ED 464 611 IR 021 305

TITLE	Survey of Technology in the Schools: Preliminary Tables.
INSTITUTION	Milken Family Foundation, Beverly Hills, CA.; Milken Exchange on Education Technology, Santa Monica, CA.
PUB DATE	1999-09-00
NOTE	36p.
AVAILABLE FROM	Milken Institute, 1250 Fourth Street, Santa Monica, CA 90401-1353. Tel: 310-998-2600; Fax: 310-998-2627; e-mail: publications@milken-inst.org; Web site: http://www.milken-inst.org. For full text: http://www.mff.org.
PUB TYPE	Numerical/Quantitative Data (110) -- Reports - Research (143)
EDRS PRICE	MF01/PC02 Plus Postage.
DESCRIPTORS	*Computer Uses in Education; Coordinators; Educational Planning; *Educational Technology; Elementary Secondary Education; Information Technology; Internet; School Districts; Tables (Data); Teacher Surveys; *Technology Uses in Education; Training; Users (Information)
IDENTIFIERS	Technology Coordinators; *Technology Implementation

ABSTRACT

During the 1998-99 academic year, the Milken Family Foundation undertook the second annual survey of district technology coordinators. This report presents the following survey data from 3,800 districts in 27 states: response rates; size of districts; student uses of technology; student outcomes; teacher uses of technology; percentage of student classroom time spent using technology; number of queries regarding planning and implementation of technology; teacher attitude toward technology; teacher training; skills level of typical teacher; extent to which teachers in district use technology in their own practice; district tracking policy; how often districts evaluate technology use in schools; extent to which district uses technology in student assessment efforts; teacher incentives for technological fluency or technology use; progress indicators that district reports to local school board and/or community; level of support for technology plans by groups; sources of funding or in-kind goods and services for technology to date; extent to which specific uses of technology occur in district; schools in district that have formal partnerships that focus on school technology; districts that have a formal technology plan; cost and funding of district technology plan; expenditure per student per year; student to computer ratio; connectivity; technical support and maintenance for technology; computers that are not used; and federal funds and discounts. (MES)

Reproductions supplied by EDRS are the best that can be made
from the original document.

ED 464 611

Survey of Technology in the Schools

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL HAS BEEN GRANTED BY

C. Lemke

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

PRELIMINARY TABLES

SEPTEMBER 1999

IR021305

MILKEN FAMILY FOUNDATION

Milken EXCHANGE on education technology

BEST COPY AVAILABLE

Table of Contents

Introduction		1
Table 1	Response Rates	2
Table 2	Size of Districts	3
Question 1a	Student Uses	4
Question 1b	Student Outcomes	5
Question 1c	Teacher Uses	6
Question 2	Percentage of Student Classroom Time Spent Using Technology	7
Question 3	Number of Queries Regarding Planning and Implementation of Technology	8
Question 4	Teacher Attitude Toward Technology	9
Question 5a	Teacher Training	10
Question 5b	Skill Level of Typical Teacher	11
Question 6	Extent to Which Teachers in District Use Technology in Their Own Practice	12
Question 7	District Tracking Policy	13
Question 8	How Often Districts Evaluate Technology Use in Schools	14
Question 9	Extent to Which District Uses Technology in Student Assessment Efforts	15
Questions 10-11	Teacher Incentives for Technological Fluency or Technology Use	16
Question 12	Progress Indicators that District Reports to Local School Board and/or Community	18
Question 13	Level of Support for Technology Plans by Groups	20
Question 14	Sources of Funding or In-Kind Goods and Services for Technology to Date	22
Question 15	Extent to Which the Following Uses of Technology Occur in District	24
Question 16	Schools in District that Have Formal Partnerships that Focus on School Technology	25
Questions 17-18	Districts that Have a Formal Technology Plan	26
Questions 19-22	Cost and Funding of District Technology Plan	27
Table 3	Expenditure per Student per Year	28
Question 23	Student to Computer Ratio	29
Question 24	Connectivity	30
Questions 25-26	Technical Support and Maintenance for Technology	31
Questions 27-28	Computers that Are Not Used	32
Question 29	Federal Funds and Discounts	33

Introduction

In response to the lack of accurate and current state-by-state data on school technology, the Milken Family Foundation undertook the second annual survey of district technology coordinators in the states during the 1998-99 academic year. We sought to expand assessments of the status of technology in the states from simply measures of equipment to other aspects of technology planning and advancement.

We designed our questions to enable district technology coordinators (DTCs) to estimate responses for the "typical," "modal," or "average" school, teacher or student in their district. The DTCs were asked to provide an overview of their districts, and we assume that their job requires them to know what is going on in their schools. If we had gathered information at the school level or below, we would have had to aggregate responses. We would have been dependent upon responses being "representative" at the school, teacher and student level. By asking the DTCs to do the aggregating for us, we have collected data based upon substantial expertise and experience, and in a much more cost-effective manner than would have been the case in a more disaggregated set of surveys.

We worked with state education technology directors who distributed the questionnaires to the technology coordinators (or similar individuals) in districts in their respective states and followed up to try to maximize the response rates. Thirty-two states participated in the survey, and 27 of these provided us with data representative of the demographics of their states. We received responses from 54% of the districts in our 27 states, and these contained 67% of the students in those states.

The data presented describes responses of DTCs. We report the percentage of DTCs who say their districts had a certain characteristic. In many cases we weighted district responses according to the number of students in each district. We gave districts with more students influence commensurate to their size when the variable being reported pertained to students or teachers. When we were simply counting the number of districts or schools in a district with or without a certain characteristic, we did not weight the responses. It is important to emphasize that when we weighted particular questions, the percentage given indicates the percent of students represented by the district technology coordinators. So, if the weighted percent provided in a chart is 55%, the interpretation of that number is "technology coordinators representing 55% of students in their district" reported the following.

In addition, we computed (and where appropriate, weighted) the corresponding responses of all districts combined from the 27 representative states. The latter provides some basis for comparison for an individual state, but is not necessarily—indeed not likely—a representative national sample of the state of technology in our nation's schools. Some very large states did not participate. Those states that did survey their districts probably had a greater interest in technology, and were further along in putting it in their schools than were non-participating states.

Nevertheless, we have responses from nearly 3,800 districts out of approximately 6,100 districts that were sent surveys in the 27 participating states. The charts that follow compare districts from individual states to an aggregation of all responding districts from the 27 states that provided us with useful data. These results do, in our view, give a sense of the progress of technology in each state, and enable us to identify relationships among various measures of the state of school technology. A more detailed analysis of the data presented will be available in the next few months.

Response Rates

TABLE 1	Total number of districts per state	Number of students represented by districts that responded to Milken survey: 1998-99[1]	Total number of students, Fall 1997[2]	Percent of total number of students represented by our survey	District response rate
Overall	6109	12,038,353	17,976,813	67%	54%
Alabama	129	598,857	738,473	81%	86%
Arizona	363	824,078	859,104	96%	90%
Arkansas	311	212,029	461,478	46%	41%
Colorado	176	442,516	688,438	64%	72%
Delaware	20	26,849	111,960	24%	40%
Hawaii	7	131,146	189,281	69%	86%
Illinois (including Chicago)	903	1,162,655	2,000,550	58%	48%
Chicago	24	406,893	430,000	95%[4]	100%
Kentucky	176	513,931	639,579	80%	81%
Massachusetts	346	815,246	954,335	85%	81%
Minnesota	396	645,809	845,700	76%	70%
Mississippi	152	399,512	504,995	79%	78%
Missouri[3]	110	113,949	910,319	13%	76%
Nebraska[3]	673	33,996	292,681	12%	6%
Nevada	17	306,892	296,621	103%[4]	100%
New Jersey[3]	200	286,043	1,231,059	23%	57%
New Mexico	89	240,233	316,754	76%	38%
North Carolina	120	631,662	1,226,293	52%	56%
North Dakota	230	50,896	116,813	44%	48%
Oregon	198	505,317	540,584	93%	75%
Pennsylvania	577	1,382,991	1,812,880	75%	62%
Rhode Island	34	80,928	152,042	53%	68%
South Carolina	86	580,743	647,430	90%	90%
South Dakota	177	105,558	141,390	75%	77%
Utah	41	386,104	479,150	81%	71%
West Virginia	55	166,843	300,737	55%	73%
Wisconsin	427	798,193	891,588	90%	92%
Wyoming	48	93,999	96,579	97%[4]	100%
DODEA[5]	24	94,485	100,000	94%	96%

[1] As reported by district technology coordinator.

[2] U.S. Department of Education, National Center for Education Statistics. *Digest of Education Statistics*, 1998. Washington, D.C.: 1998.

[3] Data are based on a representative sample of districts.

[4] Although 100% of districts/regions responded in Chicago, Nevada and Wyoming, the percent of students represented does not equal 100%. These inconsistencies are most likely due to either unreported student enrollment figures by the DTC or by changes in enrollments since NCES collected the data.

[5] Department of Defense Education Activity.

Size of Districts

TABLE 2	Average number of schools in district	Average number of students in district
Overall	10.1	3,201
Alabama	11.0	5,650
Arizona	4.3	2,658
Arkansas	4.1	1,767
Colorado	8.0	3,627
Delaware	6.6	3,836
Hawaii	35.2	26,229
Illinois (including Chicago)	22.1	2,742
Illinois (excluding Chicago)	21.9	1,889
Chicago	24.0	16,954
Kentucky	8.2	3,724
Massachusetts	5.9	3,042
Minnesota	4.3	2,428
Mississippi	6.3	3,474
Missouri	3.4	1,424
Nebraska	2.8	919
Nevada	26.8	18,052
New Jersey	4.8	2,624
New Mexico	13.0	7,066
North Carolina	16.9	10,355
North Dakota	1.8	489
Oregon	7.2	3,609
Pennsylvania	5.8	3,209
Rhode Island	7.0	3,519
South Carolina	12.5	7,542
South Dakota	3.2	887
Utah	19.5	13,314
West Virginia	197.2	4,509
Wisconsin	4.5	2,079
Wyoming	7.4	2,000
DODEA	8.7	4,108

Student Uses

Percent responding 4 and 5 on a scale in which 1 is "Never" and 5 is "Almost Always."

QUESTION 1A WEIGHTED	Students use computers only in a lab.	Students use computers only in a library media center.	Students use technology only in their regular classrooms.	Students use computers/ technology in their regular classrooms and in labs and/or library media center.	Students actively participate in distance learning with other schools.	The primary student-related use of technology is to teach students how to use the technology itself.	Students use technology to improve their basic skills with drill and practice programs.	Students are developing online research expertise.
Overall	28.4	13.5	9.2	80.3	4.6	10.5	28.4	55.8
Alabama	28.7	13.6	26.8	72.1	2.6	14.2	58.5	24.8
Arizona	21.7	11.2	13.7	79.3	2.7	9.4	23.4	62.0
Arkansas	36.6	13.5	8.4	84.9	1.6	13.0	57.5	51.7
Colorado	32.8	11.4	14.9	82.2	1.0	20.2	16.1	51.0
Delaware	49.2	31.7	0.0	68.3	13.4	31.7	28.3	84.5
Hawaii	7.6	0.0	24.1	76.8	7.6	7.6	16.5	69.2
Illinois (including Chicago)	42.7	19.1	8.5	67.9	3.7	17.4	36.9	41.6
Illinois (excluding Chicago)	26.5	13.5	10.4	84.1	3.1	12.0	18.2	52.8
Chicago	73.4	29.9	4.9	36.9	4.9	27.8	72.8	20.0
Kentucky	9.4	3.9	6.9	96.5	5.9	7.1	17.2	59.6
Massachusetts	18.7	7.4	4.8	86.0	1.3	9.9	12.1	69.7
Minnesota	36.8	20.9	5.2	84.6	2.8	8.3	20.1	68.2
Mississippi	24.3	13.1	17.5	84.2	10.4	4.9	50.0	55.4
Missouri	17.4	11.2	4.2	91.0	5.4	10.5	24.8	72.9
Nebraska	27.7	21.1	25.8	98.7	17.2	6.0	23.8	88.2
Nevada	27.1	6.7	0.0	21.5	0.0	6.4	5.6	2.0
New Jersey	36.5	18.7	10.9	91.8	10.9	4.7	15.0	63.7
New Mexico	56.1	39.2	4.3	61.6	0.5	5.8	61.2	28.8
North Carolina	13.5	8.6	3.1	81.0	7.7	6.2	15.0	60.9
North Dakota	43.8	15.1	7.6	85.5	18.2	12.6	29.4	55.5
Oregon	19.8	11.8	7.2	90.8	0.7	19.5	22.2	52.5
Rhode Island	31.1	15.9	21.9	92.7	0.5	4.4	6.8	39.8
South Carolina	9.8	8.3	5.5	86.2	10.0	2.0	43.1	80.8
South Dakota	20.2	8.2	4.1	92.7	8.8	5.9	24.1	69.5
Utah	31.4	1.5	2.1	86.6	9.6	9.3	23.7	60.6
West Virginia	26.3	11.3	21.1	97.3	0.0	12.4	75.3	78.1
Wisconsin	50.5	27.4	7.9	86.5	5.6	11.8	22.7	63.5
Wyoming	51.6	10.3	4.9	58.9	1.6	8.7	44.6	44.5
DODEA	5.4	0.5	0.5	75.8	9.7	7.0	10.6	53.7

Student Outcomes

Percent responding 4 and 5 on a scale in which 1 is "Never" and 5 is "Almost Always."

QUESTION 1B WEIGHTED	Students are interacting/ communicating differently and more widely with the help of technology in the classroom.	Students become more independent learners as a result of technology.	Students do more school work when not in school.	Students are more engaged in learning due to technology.	Student understanding of academic subjects has deepened due to technology in the classroom.	Schools report an increase in attendance on days that students are scheduled to use technology.	Schools have reported decreases in the student dropout rate attributed to the use of technology.	Schools report that students have better grades and/or test scores since they began using technology.
Overall	50.2	56.9	14.7	64.6	42.9	19.8	9.0	22.1
Alabama	21.7	54.3	9.3	57.9	45.8	26.8	20.6	18.4
Arizona	61.3	51.3	15.3	62.1	50.0	8.4	3.8	21.8
Arkansas	34.4	36.7	6.2	54.6	31.1	10.7	4.5	20.9
Colorado	52.6	54.6	24.9	74.9	53.0	10.5	7.6	6.5
Delaware	56.1	59.4	0.0	52.0	52.0	0.0	0.0	12.3
Hawaii	76.8	49.4	0.0	76.8	24.1	16.5	0.0	16.5
Illinois (including Chicago)	39.0	45.8	11.4	53.5	39.1	19.2	10.0	17.2
Illinois (excluding Chicago)	51.1	54.8	12.7	56.6	38.6	8.9	5.3	14.4
Chicago	15.5	28.5	8.9	47.5	40.0	39.0	18.7	22.5
Kentucky	70.8	82.8	15.9	83.2	74.8	19.6	8.3	32.6
Massachusetts	60.5	67.0	14.4	72.3	47.7	16.2	4.3	22.6
Minnesota	58.2	58.2	13.2	71.8	34.9	8.2	6.8	15.1
Mississippi	58.0	61.2	21.8	65.0	53.4	21.3	8.2	42.4
Missouri	46.6	49.2	19.4	78.6	45.2	10.0	6.0	15.1
Nebraska	90.0	86.5	29.7	73.1	44.4	39.6	0.6	30.6
Nevada	3.7	25.0	19.2	26.0	25.4	86.4	21.2	23.4
New Jersey	51.9	65.0	21.0	63.4	45.0	10.2	3.5	17.6
New Mexico	37.0	76.6	10.0	49.2	20.2	50.2	8.9	15.9
North Carolina	53.8	65.3	10.6	69.7	48.5	41.5	27.9	36.2
North Dakota	57.9	55.8	19.4	69.5	30.8	34.7	2.5	4.7
Oregon	31.4	42.4	6.3	59.7	24.2	13.5	8.1	8.1
Rhode Island	31.9	34.3	3.4	62.7	42.2	0.0	0.0	3.4
South Carolina	69.9	74.3	11.5	75.4	52.9	21.9	12.3	32.9
South Dakota	43.7	47.9	6.3	55.0	17.9	8.7	3.2	7.1
Utah	38.1	34.5	28.4	61.0	45.1	20.2	2.8	5.2
West Virginia	72.3	79.8	21.9	80.4	43.1	5.0	0.7	63.8
Wisconsin	59.2	63.4	18.9	66.2	30.3	8.8	4.3	26.8
Wyoming	40.8	45.5	21.7	61.7	39.8	10.4	5.9	20.3
DODEA	53.2	42.0	15.6	62.2	40.6	9.4	2.5	28.8

Teacher Uses

Percent responding 4 and 5 on a scale in which 1 is "Never" and 5 is "Almost Always."

QUESTION 1C WEIGHTED	Curricula are enhanced by integrating technology-based software into the teaching and learning process.	Teachers expect that students turn-in class assignments produced with technology (i.e., word processing, email, spreadsheets).	Teachers use technology to provide more inquiry-based learning projects.	Teachers adjust their teaching practices to meet individual student needs with the help of technology.	Teachers use cooperative group learning processes.	Project-based learning takes place.
Overall	62.5	37.9	34.4	25.3	43.7	42.1
Alabama	59.2	18.8	33.3	14.9	18.9	16.7
Arizona	62.3	28.8	21.9	18.6	56.0	51.8
Arkansas	50.4	30.2	18.5	13.1	32.9	21.9
Colorado	51.0	26.5	37.4	19.8	37.8	31.8
Delaware	40.4	17.5	33.0	4.1	62.8	63.5
Hawaii	69.2	51.6	51.6	24.1	69.2	69.2
Illinois (including Chicago)	61.8	34.6	38.0	20.9	47.0	38.2
Illinois (excluding Chicago)	64.1	37.3	38.3	23.0	50.5	45.1
Chicago	57.4	29.3	37.3	16.9	40.2	24.9
Kentucky	54.8	49.1	36.0	49.2	35.5	43.4
Massachusetts	80.4	51.0	44.6	29.0	39.1	57.9
Minnesota	61.1	55.8	37.5	22.9	45.0	50.7
Mississippi	71.8	37.7	36.7	30.0	53.4	53.1
Missouri	72.6	58.7	58.9	18.3	49.5	68.0
Nebraska	82.7	83.1	79.4	59.5	70.7	68.6
Nevada	23.6	24.6	20.7	19.2	19.7	20.0
New Jersey	65.3	37.9	37.1	25.9	62.9	50.0
New Mexico	85.8	35.4	24.6	24.3	37.5	33.7
North Carolina	58.7	19.1	32.5	35.1	47.3	26.9
North Dakota	63.4	64.6	64.2	27.4	61.5	39.6
Oregon	39.8	40.9	16.4	10.8	50.3	62.5
Rhode Island	48.3	40.4	17.5	24.9	29.4	30.6
South Carolina	72.4	37.7	41.2	36.1	52.5	51.0
South Dakota	64.5	68.4	52.8	24.8	56.2	38.4
Utah	88.4	31.1	32.6	10.6	18.0	24.8
West Virginia	73.1	42.1	36.8	45.9	45.3	54.4
Wisconsin	61.5	46.7	34.4	32.7	49.7	36.7
Wyoming	40.5	46.9	26.4	22.1	25.6	22.4
DODEA	64.8	55.2	45.1	21.8	67.4	62.4

Percentage of Student Classroom Time Spent Using Technology

QUESTION 2 WEIGHTED	Elementary schools	Middle schools	High schools	Average percent across grade levels
Overall	13.4	16.0	19.0	16.2
Alabama	15.7	13.4	14.6	14.6
Arizona	9.5	14.2	18.8	14.2
Arkansas	14.0	12.5	17.6	14.7
Colorado	13.6	15.3	18.8	15.9
Delaware	16.4	8.6	7.8	10.9
Hawaii	15.9	16.9	14.1	15.6
Illinois (including Chicago)	11.7	16.5	21.3	16.5
Illinois (excluding Chicago)	13.2	18.4	21.5	17.7
Chicago	9.2	13.1	21.1	14.5
Kentucky	16.9	17.1	18.4	17.5
Massachusetts	13.3	16.9	18.8	16.3
Minnesota	10.0	14.5	17.5	14.0
Mississippi	17.7	17.2	19.3	18.1
Missouri	13.6	18.2	20.3	17.4
Nebraska	12.9	16.8	25.8	18.5
Nevada	3.6	13.1	14.2	10.3
New Jersey	12.6	18.2	20.6	17.1
New Mexico	39.4	39.2	43.1	40.6
North Carolina	14.6	16.6	18.4	16.5
North Dakota	9.9	19.7	25.1	18.2
Oregon	10.2	13.4	17.9	13.8
Rhode Island	8.5	12.4	13.1	11.4
South Carolina	14.0	14.7	17.8	15.5
South Dakota	12.3	16.1	19.7	16.0
Utah	12.7	11.9	14.1	12.9
West Virginia	19.2	15.3	16.2	16.9
Wisconsin	12.0	16.2	21.1	16.4
Wyoming	15.3	16.5	22.8	18.2
DODEA	16.3	20.2	28.1	21.5

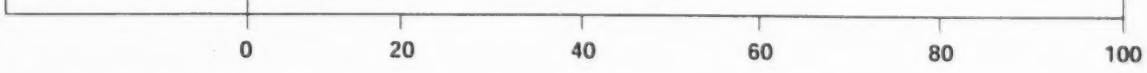
Number of Queries Regarding Planning and Implementation of Technology

QUESTION 3 UNWEIGHTED	AVERAGE NUMBER OF QUERIES PER WEEK FROM TEACHERS OR SCHOOLS THAT DISTRICT OFFICE RECEIVES	
	Per district	Per school
Overall	22.0	5.6
Alabama	22.2	2.5
Arizona	14.5	4.2
Arkansas	11.6	3.0
Colorado	22.2	5.0
Delaware	15.3	4.9
Hawaii	12.1	0.3
Illinois (including Chicago)	21.3	7.6
Illinois (excluding Chicago)	19.3	7.8
Chicago	76.1	3.1
Kentucky	20.9	3.3
Massachusetts	35.0	8.8
Minnesota	22.3	6.7
Mississippi	17.8	3.4
Missouri	10.9	4.0
Nebraska	16.8	6.5
Nevada	77.1	1.8
New Jersey	23.5	7.9
New Mexico	17.9	2.7
North Carolina	53.4	4.9
North Dakota	14.5	6.0
Oregon	20.4	3.3
Rhode Island	10.0	2.0
South Carolina	39.1	3.5
South Dakota	25.4	8.3
Utah	41.1	2.9
West Virginia	15.6	1.5
Wisconsin	16.7	6.3
Wyoming	24.6	4.6
DODEA	21.6	4.2

Teacher Attitude Toward Technology

Percent indicating 4 and 5.

QUESTION 4 WEIGHTED	In general, where do teachers in your district fall on a scale in which 1 indicates that "they believe technology is just another fad being mandated by those above them" and 5 is "a powerful tool for helping them improve student learning?"
Overall	61.7
Alabama	51.9
Arizona	73.8
Arkansas	51.2
Colorado	50.4
Delaware	30.5
Hawaii	100.0
Illinois (including Chicago)	57.2
Illinois (excluding Chicago)	60.7
Chicago	50.1
Kentucky	63.6
Massachusetts	76.7
Minnesota	79.8
Mississippi	71.2
Missouri	70.1
Nebraska	79.8
Nevada	7.8[1]
New Jersey	62.4
New Mexico	79.9
North Carolina	54.0
North Dakota	72.8
Oregon	58.2
Pennsylvania	50.7
Rhode Island	62.1
South Carolina	65.9
South Dakota	84.1
Utah	69.8
West Virginia	70.9
Wisconsin	58.0
Wyoming	57.0
DODEA	68.7



[1] 91.8% of DTCs in Nevada gave a "3" response to this question.

Teacher Training

Average typical hours of training over past 12 months

QUESTION 5A WEIGHTED	Computer use	Software applications	Internet use	Multimedia peripherals	Online projects	Using distance learning equipment and infra-structure	Integrating technology into instruction	Using email	Average total hours of training over the past 12 months (not the sum of the columns to the left)
Overall	6.8	7.3	5.8	3.2	3.2	1.2	5.9	3.2	12.4
Alabama	5.9	7.1	4.3	1.8	1.7	0.3	3.8	1.8	8.3
Arizona	9.7	8.3	4.8	3.5	2.0	0.8	5.8	2.7	14.3
Arkansas	6.3	6.5	4.7	1.8	2.2	0.4	3.8	2.5	8.6
Colorado	7.5	8.5	8.9	3.4	4.1	1.0	10.0	3.2	22.7
Delaware	5.4	5.4	4.3	1.8	1.9	0.2	3.5	1.5	8.7
Hawaii	7.8	4.4	6.4	3.1	2.7	2.1	4.0	3.7	19.8
Illinois (including Chicago)	6.2	6.5	6.0	3.5	3.4	1.2	5.4	3.3	15.3
Illinois (excluding Chicago)	6.4	6.8	5.5	2.5	3.2	0.5	6.0	2.8	14.7
Chicago	5.7	5.5	7.1	6.3	3.8	2.9	3.8	4.3	16.6
Kentucky	5.0	5.2	3.9	1.6	1.8	0.9	4.4	2.7	7.8
Massachusetts	8.2	9.6	7.9	6.2	7.4	3.3	9.7	4.5	12.
Minnesota	3.8	4.0	3.2	1.5	1.3	0.2	2.5	1.7	7.4
Mississippi	8.0	8.7	5.1	3.6	2.4	2.8	6.4	2.4	15.9
Missouri	4.6	5.0	4.2	2.3	2.2	1.3	4.6	3.1	7.9
Nebraska	5.5	5.7	5.0	4.8	3.2	2.6	5.0	2.2	11.9
Nevada	23.0	23.2	21.6	11.4	10.1	11.2	23.3	20.1	12.3[1]
New Jersey	5.9	6.2	5.3	3.0	3.3	1.9	5.6	3.2	9.6
New Mexico	6.6	5.3	4.2	1.6	2.9	0.9	5.3	1.6	12.0
North Carolina	5.6	8.0	7.2	3.4	3.6	0.7	7.2	3.5	20.4
North Dakota	6.0	6.0	6.9	2.0	2.1	1.0	5.2	3.1	16.2
Oregon	3.9	3.9	4.5	1.8	0.6	0.8	2.9	4.2	7.6
Pennsylvania	9.1	9.5	6.3	3.5	5.0	1.2	6.8	3.2	12.5
Rhode Island	5.8	5.4	8.3	13.7	1.0	1.8	0.2	4.1	8.0
South Carolina	7.7	8.8	6.8	3.0	4.1	0.9	8.2	2.5	14.7
South Dakota	9.0	8.8	5.9	3.1	4.7	1.8	6.2	5.1	16.5
Utah	5.0	4.4	3.8	2.0	2.1	0.7	4.4	1.7	8.0
West Virginia	7.1	8.7	6.0	3.0	1.7	0.7	6.2	3.0	9.5
Wisconsin	4.9	6.5	5.2	2.3	1.9	0.6	3.5	3.1	10.0
Wyoming	4.2	5.8	3.7	1.4	1.1	1.1	2.5	1.7	10.2
DODEA	7.1	9.6	7.1	6.4	4.1	1.1	8.6	4.4	11.8

[1] In Nevada, total hours is less than individual training hours on particular aspects because a few large districts had a low "total hours" and did not respond to the other components.

BEST COPY AVAILABLE

Skill Level of Typical Teacher

Percent responding 4 and 5 on a scale in which 1 is "Beginner" and 5 is "Advanced."

QUESTION 5B WEIGHTED	Computer use	Software applications	Internet use	Multimedia peripherals	Online projects	Using distance learning equipment and infra-structure	Integrating technology into instruction	Using email
Overall	18.3	13.0	17.0	4.5	4.0	3.1	11.3	29.1
Alabama	17.1	6.7	3.6	0.9	0.0	2.8	0.9	12.8
Arizona	1.2	12.7	16.9	4.5	1.6	1.5	18.1	38.8
Arkansas	7.3	6.5	8.8	3.2	2.4	0.1	7.0	27.1
Colorado	20.1	20.8	16.3	4.0	7.3	0.2	13.9	33.3
Delaware	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5
Hawaii	7.6	0.0	16.5	16.5	0.0	0.0	0.0	49.4
Illinois (including Chicago)	19.2	14.3	16.3	1.3	21.4	5.0	10.2	26.1
Illinois (excluding Chicago)	26.5	17.0	22.3	2.1	3.1	1.9	10.4	39.6
Chicago	5.0	9.1	5.0	0.0	0.0	10.8	9.9	0.0
Kentucky	15.5	12.9	20.9	14.2	3.5	1.1	14.4	42.5
Massachusetts	17.2	19.0	19.7	5.9	3.2	1.6	21.6	24.4
Minnesota	31.0	16.0	39.9	6.3	6.0	1.1	9.7	57.2
Mississippi	23.2	18.8	8.9	12.6	2.1	10.4	9.8	17.0
Missouri	9.1	10.0	24.8	6.6	5.3	1.8	11.1	57.0
Nebraska	51.3	50.9	51.4	10.0	9.8	2.0	10.5	74.4
Nevada	2.0	2.0	0.0	2.0	0.0	0.0	0.0	2.0
New Jersey	21.8	20.2	16.3	4.1	3.7	1.9	13.2	23.4
New Mexico	51.0	0.5	0.5	41.2	44.3	42.4	40.1	6.3
North Carolina	30.8	17.3	16.8	2.8	1.5	1.2	8.2	35.1
North Dakota	18.0	10.2	19.1	1.1	2.7	0.8	4.6	51.4
Oregon	16.7	9.1	11.9	0.1	0.6	1.6	6.5	38.0
Pennsylvania	9.1	9.0	6.0	3.7	3.6	2.1	6.4	8.2
Rhode Island	19.1	3.9	16.1	0.5	4.0	12.7	13.6	0.0
South Carolina	29.4	9.2	26.7	0.0	2.0	0.0	11.3	37.2
South Dakota	32.4	28.7	25.5	0.9	1.8	3.9	9.9	56.1
Utah	15.0	17.1	23.1	0.0	17.2	0.0	27.2	21.2
West Virginia	9.2	10.6	29.0	0.0	1.2	0.9	2.2	35.3
Wisconsin	28.0	14.9	27.4	1.3	1.5	1.4	8.9	39.8
Wyoming	8.2	9.1	21.6	0.3	3.0	7.9	3.9	20.2
DODEA	9.6	15.4	27.2	0.5	5.2	0.0	9.5	52.4

Extent To Which Teachers in District Use Technology in Their Own Practice

Percent responding 4 and 5 on a scale in which 1 is "Not at All" and 5 is "Very Much."

QUESTION 6 WEIGHTED	Administrative work/classroom management (e.g. grade/ attendance recording)	Communicating with colleagues	Accessing experts	Accessing training	Using simulations when teaching science	Using desktop publishing to teach writing
Overall	44.2	38.1	8.4	5.6	11.4	28.9
Alabama	28.6	16.6	6.4	9.5	4.6	10.5
Arizona	52.6	49.3	15.7	3.3	18.9	38.3
Arkansas	37.0	37.3	7.4	2.9	2.9	15.2
Colorado	53.8	47.0	5.1	10.5	7.1	11.3
Delaware	38.5	48.6	0.0	0.0	0.0	43.9
Hawaii	43.9	76.8	0.0	41.7	0.0	69.2
Illinois (including Chicago)	38.4	28.2	9.0	4.9	14.0	28.1
Illinois (excluding Chicago)	51.3	41.0	11.3	5.0	18.7	33.2
Chicago	14.9	4.7	4.7	4.7	5.0	18.7
Kentucky	46.4	55.2	12.4	8.0	9.6	39.2
Massachusetts	39.0	29.7	7.3	5.3	11.7	35.2
Minnesota	60.4	62.3	16.8	9.7	17.9	37.9
Mississippi	42.0	33.0	12.4	11.1	11.3	27.3
Missouri	55.8	68.5	14.0	6.2	13.5	48.1
Nebraska	56.7	74.0	14.0	12.2	18.2	55.1
Nevada	27.4	19.3	0.0	0.0	1.9	67.6
New Jersey	30.7	25.5	6.3	6.1	18.3	43.6
New Mexico	25.8	10.5	4.1	4.2	41.5	44.3
North Carolina	63.1	32.0	4.1	2.8	6.7	34.6
North Dakota	53.6	55.6	4.3	4.5	15.7	25.8
Oregon	46.8	58.3	5.6	2.8	10.8	23.3
Pennsylvania	34.4	26.2	4.0	1.4	9.9	3.4
Rhode Island	13.2	36.4	0.5	0.5	15.0	26.3
South Carolina	49.3	44.2	19.5	2.5	3.9	26.5
South Dakota	71.5	51.4	15.1	3.7	34.4	52.8
Utah	73.2	59.2	0.4	16.2	8.4	15.0
West Virginia	21.4	34.3	23.1	4.5	18.9	34.1
Wisconsin	46.0	34.5	6.7	3.1	8.7	40.0
Wyoming	47.8	58.4	4.8	0.0	3.0	28.0
DODEA	34.4	51.9	2.5	2.5	13.9	15.8

District Tracking Policy

Percent of districts that track the following.

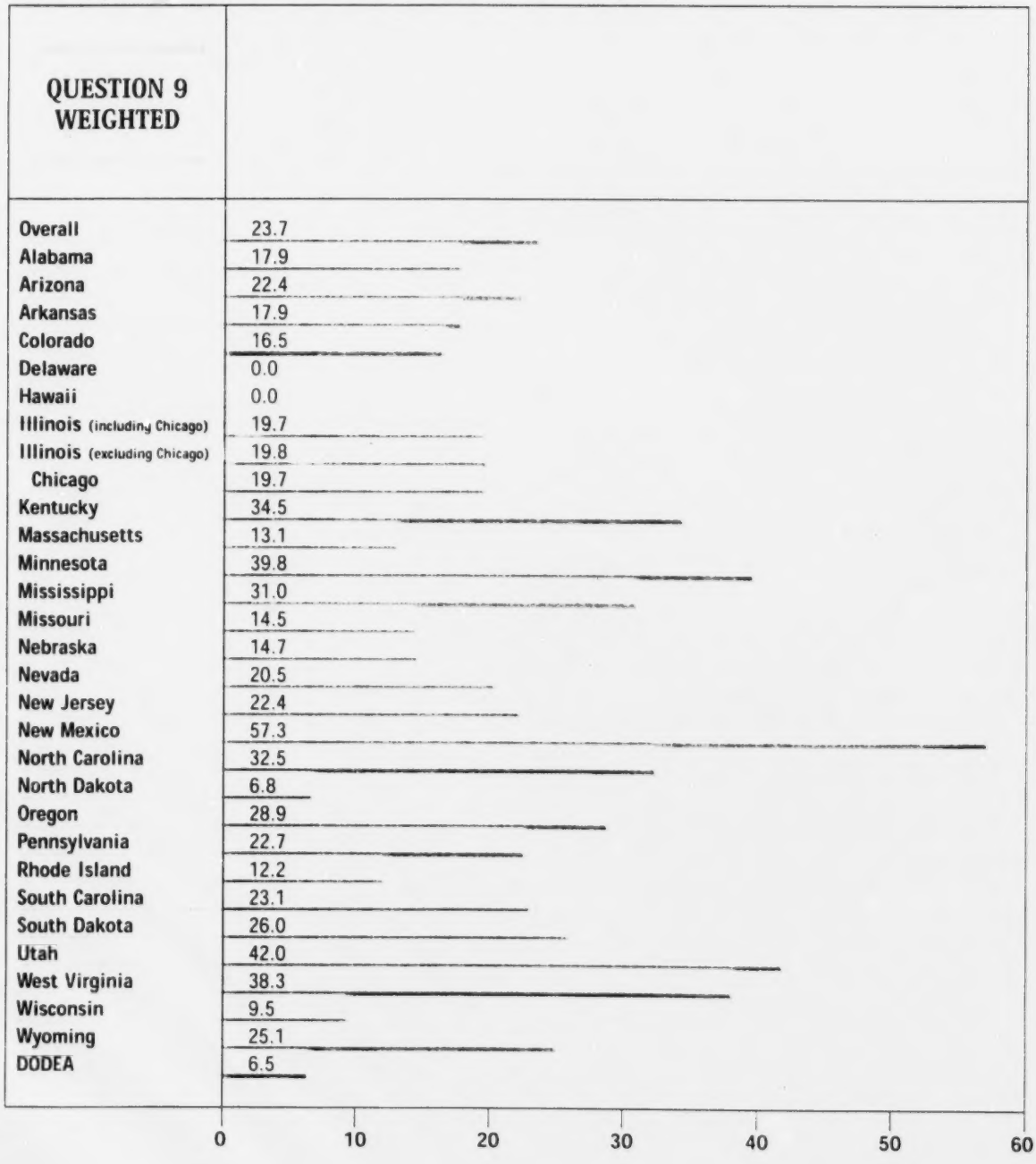
QUESTION 7 UNWEIGHTED	What technology is available at the schools	The location of that technology in the schools	How teachers use technology	How students use technology	How much training in technology your teachers receive
Overall	95.8	94.9	49.9	54.6	70.2
Alabama	93.7	95.5	51.4	54.1	74.8
Arizona	91.8	91.8	58.1	63.7	69.3
Arkansas	91.3	91.3	42.9	48.0	72.0
Colorado	94.3	91.0	38.5	46.7	42.6
Delaware	100.0	100.0	42.9	57.1	42.9
Hawaii	83.3	66.7	66.7	66.7	50.0
Illinois (including Chicago)	97.1	95.8	54.8	56.3	75.8
Illinois (excluding Chicago)	97.7	96.7	54.1	55.8	77.1
Chicago	87.5	79.2	66.7	66.7	54.2
Kentucky	100.0	98.6	52.9	58.7	86.2
Massachusetts	97.8	96.6	56.9	58.6	86.5
Minnesota	94.8	94.4	35.6	48.9	53.7
Mississippi	95.8	94.9	60.2	59.3	82.2
Missouri	97.6	98.8	50.0	53.6	77.4
Nebraska	97.1	97.1	48.5	60.6	54.5
Nevada	94.1	88.2	58.8	58.8	76.5
New Jersey	98.2	96.4	68.5	72.1	87.2
New Mexico	97.0	93.9	54.5	63.6	69.7
North Carolina	96.9	95.4	55.4	53.8	98.5
North Dakota	93.6	94.5	45.9	58.3	73.4
Oregon	97.3	95.3	35.1	40.5	54.7
Pennsylvania	96.4	96.1	64.1	68.1	77.6
Rhode Island	100.0	100.0	39.1	34.8	60.9
South Carolina	95.9	93.2	47.9	43.8	78.1
South Dakota	95.6	94.1	42.2	52.6	55.6
Utah	96.4	96.4	46.4	46.4	60.7
West Virginia	95.0	90.0	57.5	60.0	72.5
Wisconsin	95.6	95.4	36.2	41.3	57.8
Wyoming	93.8	93.8	37.5	39.6	52.1
DODEA	100.0	95.7	60.9	52.2	78.3

How Often Districts Evaluate Technology Use in Schools

QUESTION 8 UNWEIGHTED	More than once a year	Yearly	Less frequently than yearly	Never
Overall	29.3	51.0	16.4	3.3
Alabama	23.4	63.1	11.7	1.8
Arizona	40.6	40.9	13.5	5.0
Arkansas	20.5	53.5	26.0	0.0
Colorado	20.5	54.1	19.7	5.7
Delaware	0.0	57.1	28.6	14.3
Hawaii	0.0	50.0	50.0	0.0
Illinois (including Chicago)	36.8	48.3	11.5	3.3
Illinois (excluding Chicago)	37.5	48.7	10.3	3.5
Chicago	25.0	41.7	33.3	0.0
Kentucky	23.2	59.4	15.2	2.2
Massachusetts	30.8	50.8	15.0	3.4
Minnesota	28.8	49.8	20.6	0.7
Mississippi	22.9	58.5	16.9	1.7
Missouri	17.9	60.7	20.2	1.2
Nebraska	29.4	52.9	8.8	8.8
Nevada	17.6	58.8	23.5	0.0
New Jersey	40.0	51.8	3.6	4.5
New Mexico	42.4	51.5	3.0	3.0
North Carolina	29.2	63.1	7.7	0.0
North Dakota	34.9	47.7	15.6	1.8
Oregon	26.4	49.3	20.3	4.1
Rhode Island	30.4	47.8	17.4	4.3
South Carolina	18.1	52.8	25.0	4.2
South Dakota	32.6	48.9	13.3	5.2
Utah	28.6	50.0	17.9	3.6
West Virginia	22.5	55.0	12.5	10.0
Wisconsin	23.1	50.3	23.1	3.6
Wyoming	25.5	44.7	23.4	6.4
DODEA	43.5	43.5	13.0	0.0

Extent to Which District Uses Technology in Student Assessment Efforts

Percent responding 4 and 5 on scale in which 1 is "Never" and 5 is "Frequently."



Teacher Incentives for Technological Fluency or Technology Use

Percent responding yes.

QUESTIONS 10-11 WEIGHTED	Percent of districts that provide teachers with incentives for technological fluency and/or changing teaching methods to take advantage of available technology	OF THESE DISTRICTS, INCENTIVES PROVIDED BY DISTRICTS FOR TEACHERS WHO USE TECHNOLOGY				
		Salary supplement	Mentor teacher designation	Participation in special workshops	Release time	Additional resources for their classroom
Overall	64.4	39.2	42.7	84.2	63.3	72.1
Alabama	35.5	28.8	39.0	94.8	82.9	68.2
Arizona	78.3	56.6	37.1	88.4	55.1	72.6
Arkansas	30.6	17.7	8.9	95.5	55.0	85.3
Colorado	67.2	54.6	58.9	94.6	64.9	91.4
Delaware	94.6	21.6	49.4	81.3	31.9	57.4
Hawaii	35.1	0.0	24.1	100.0	100.0	75.9
Illinois (including Chicago)	67.1	61.5	42.7	89.2	71.5	81.2
Illinois (excluding Chicago)	73.8	67.3	41.5	90.3	64.2	73.2
Chicago	55.0	46.9	45.5	86.6	88.4	100.0
Kentucky	59.7	46.8	19.9	96.3	41.0	86.9
Massachusetts	79.3	61.2	53.9	89.3	75.5	79.1
Minnesota	57.2	49.4	40.9	91.5	72.4	57.1
Mississippi	44.8	13.6	49.2	93.4	86.5	89.8
Missouri	74.7	74.2	13.9	98.0	85.2	73.3
Nebraska	41.8	1.2	67.8	81.8	40.7	79.8
Nevada	91.6	94.1	97.5	99.3	99.3	95.3
New Jersey	58.8	46.4	38.7	93.9	87.4	77.4
New Mexico	48.2	33.4	69.4	80.5	83.2	80.9
North Carolina	70.7	0.2	35.7	94.1	59.4	92.0
North Dakota	73.3	81.3	66.0	98.4	77.7	87.6
Oregon	32.1	13.4	21.9	68.3	63.0	61.0
Pennsylvania	74.2	14.3	48.1	60.4	47.7	52.6
Rhode Island	53.5	26.0	14.8	66.5	42.2	38.3
South Carolina	54.4	24.0	32.7	85.2	32.5	78.5
South Dakota	78.3	52.2	37.8	98.7	89.3	88.5
Utah	91.7	60.4	51.1	95.9	67.4	77.1
West Virginia	70.4	22.1	23.8	98.9	82.7	97.7
Wisconsin	66.8	32.0	30.6	68.2	51.4	47.3
Wyoming	62.8	41.7	17.6	82.1	69.1	40.9
DODEA	74.0	26.2	18.8	92.5	75.5	71.6

QUESTIONS 10-11 WEIGHTED *(continued)*	OF THESE DISTRICTS, INCENTIVES PROVIDED BY DISTRICTS FOR TEACHERS WHO USE TECHNOLOGY						
	Positive evaluations	School or district recognition program	Free or discounted computers for their own use	Free software	Travel and/or expenses are paid for teachers who complete training	Course credit toward certification	Connection to the Internet from home through the school's network
Overall	64.8	32.7	20.1	31.4	49.4	67.1	19.2
Alabama	50.0	27.6	41.3	32.3	74.1	38.1	8.6
Arizona	67.4	31.7	10.1	39.1	43.6	83.1	21.6
Arkansas	73.6	17.9	17.9	41.1	76.4	14.3	27.2
Colorado	72.8	16.7	21.5	29.9	40.2	90.4	17.0
Delaware	79.1	49.4	35.8	57.4	21.6	70.9	21.6
Hawaii	100.0	16.5	7.6	35.1	7.6	100.0	7.6
Illinois (including Chicago)	74.0	35.3	40.3	33.9	57.5	56.5	24.9
Illinois (excluding Chicago)	72.7	30.6	34.8	33.2	66.9	46.0	28.4
Chicago	77.0	45.5	53.2	35.4	35.3	79.1	16.6
Kentucky	78.4	49.3	12.2	63.0	55.4	32.0	24.3
Massachusetts	71.1	33.0	22.2	44.5	67.1	84.2	32.6
Minnesota	64.0	24.1	12.5	23.6	36.9	67.4	21.8
Mississippi	72.1	49.8	9.3	20.8	88.2	76.0	10.4
Missouri	75.1	53.2	8.7	12.4	89.1	38.0	14.2
Nebraska	37.4	43.9	39.2	38.6	73.2	27.3	34.0
Nevada	99.1	19.4	0.7	3.7	26.2	96.8	3.3
New Jersey	73.3	37.8	16.3	38.3	42.5	46.0	20.5
New Mexico	63.3	40.1	10.6	34.4	88.3	80.9	11.6
North Carolina	72.1	14.3	61.5	54.6	49.8	98.7	10.4
North Dakota	60.9	15.1	5.9	6.2	82.6	52.0	38.8
Oregon	73.6	39.2	10.9	15.3	47.0	59.1	32.0
Pennsylvania	47.6	54.5	16.8	16.0	38.3	39.4	16.6
Rhode Island	37.2	4.1	8.7	16.6	13.4	42.1	36.3
South Carolina	56.7	16.7	24.1	37.9	23.1	96.1	10.1
South Dakota	90.5	22.0	17.7	12.0	88.7	87.9	31.5
Utah	47.3	10.5	2.6	52.9	44.4	95.7	5.6
West Virginia	80.9	35.9	34.9	39.2	100.0	65.7	3.9
Wisconsin	0.3	18.1	15.9	14.5	51.7	51.5	34.1
Wyoming	62.8	34.0	4.0	42.3	57.3	93.3	9.7
DODEA	91.1	43.1	0.0	27.7	59.7	82.8	2.6

Progress Indicators that District Reports to Local School Board and/or Community

Percent indicating they report indicator.

QUESTION 12 UNWEIGHTED	We do not report technology progress indicators.	Student to computer ratio	Number of classrooms wired	Level of teacher technological fluency	Level of student technological fluency	Anecdotes about how students and teachers are using technology effectively	Increases in motivation or engagement of students in the basic academic areas
Overall	17.1	58.6	72.0	32.8	26.5	60.7	26.6
Alabama	31.5	40.5	61.3	30.6	22.5	38.7	15.3
Arizona	36.0	44.0	53.8	25.2	21.5	43.7	22.5
Arkansas	25.0	50.0	69.5	22.7	21.1	45.3	27.3
Colorado	28.6	56.3	62.7	21.4	18.3	47.6	19.0
Delaware	0.0	62.5	87.5	37.5	25.0	87.5	37.5
Hawaii	0.0	100.0	100.0	33.3	50.0	83.3	66.7
Illinois (including Chicago)	13.5	61.6	78.8	38.6	29.8	70.4	33.1
Illinois (excluding Chicago)	13.8	60.6	78.6	38.2	28.7	71.1	32.2
Chicago	8.3	79.2	83.3	45.8	50.0	58.3	50.0
Kentucky	5.6	90.1	92.3	28.2	28.9	66.2	32.4
Massachusetts	14.3	75.4	78.2	38.9	29.6	68.6	34.3
Minnesota	18.3	55.6	69.2	25.8	22.9	60.9	17.6
Mississippi	27.1	51.7	66.9	34.7	18.6	45.8	21.2
Missouri	13.1	61.9	84.5	28.6	28.6	66.7	27.4
Nebraska	34.2	44.7	52.6	26.3	23.7	55.3	21.1
Nevada	11.8	70.6	88.2	29.4	29.4	76.5	29.4
New Jersey	12.3	75.4	81.6	46.5	38.6	68.4	28.1
New Mexico	11.8	76.5	85.3	38.2	38.2	67.6	35.3
North Carolina	16.4	67.2	77.6	28.4	34.3	61.2	19.4
North Dakota	20.0	54.5	72.7	35.5	31.8	59.1	21.8
Oregon	18.1	52.3	75.8	25.5	20.8	61.1	19.5
Pennsylvania	3.2	51.3	65.7	47.1	40.1	65.0	36.4
Rhode Island	13.0	52.2	78.3	27.3	18.2	73.9	39.1
South Carolina	15.6	66.2	77.9	27.3	13.0	61.0	20.8
South Dakota	12.5	60.3	77.9	26.5	19.9	58.1	19.1
Utah	6.9	65.5	82.8	37.9	24.1	62.1	27.6
West Virginia	15.0	70.0	80.0	25.0	15.0	50.0	25.0
Wisconsin	16.5	53.6	69.5	29.7	19.5	65.2	23.1
Wyoming	22.9	66.7	68.8	20.8	25.0	66.7	20.8
DODEA	13.0	82.6	91.3	60.9	39.1	73.9	52.2

BEST COPY AVAILABLE

QUESTION 12 UNWEIGHTED *(continued)*	Student performance/ achievement gains	Use and effectiveness of distance learning	Increased administrative efficiencies (i.e. grading systems, attendance reporting, communicating with parents)	Increased teacher productivity	Externally funded projects	Community's use of technology
Overall	32.1	18.8	50.3	24.2	48.1	31.9
Alabama	26.1	7.2	46.8	22.5	25.2	16.2
Arizona	29.5	8.3	41.8	19.4	35.4	20.9
Arkansas	36.7	13.3	43.0	17.2	43.8	24.2
Colorado	23.8	15.1	42.1	12.7	41.3	23.8
Delaware	12.5	25.0	62.5	12.5	75.0	12.5
Hawaii	33.3	100.0	83.3	50.0	100.0	50.0
Illinois (including Chicago)	34.2	13.0	53.2	29.4	53.2	41.1
Illinois (excluding Chicago)	32.6	12.8	53.4	28.4	52.7	39.6
Chicago	62.5	16.7	50.0	45.8	62.5	66.7
Kentucky	53.5	15.5	70.4	35.2	58.5	31.7
Massachusetts	27.5	12.5	52.1	24.3	55.0	28.6
Minnesota	21.1	19.0	53.0	21.1	38.7	38.0
Mississippi	48.3	25.4	50.0	21.2	42.4	18.6
Missouri	45.2	23.8	56.0	23.8	58.3	34.5
Nebraska	28.9	21.1	36.8	15.8	42.1	18.4
Nevada	29.4	52.9	52.9	47.1	76.5	41.2
New Jersey	28.1	43.0	47.4	24.6	54.4	49.1
New Mexico	67.6	29.4	61.8	29.4	76.5	52.9
North Carolina	59.7	16.4	37.3	20.9	53.7	20.9
North Dakota	22.7	19.1	44.5	22.7	36.4	33.6
Oregon	30.9	14.1	43.6	14.8	45.6	22.8
Pennsylvania	36.9	21.6	56.6	34.8	55.5	40.6
Rhode Island	17.4	8.7	43.5	30.4	65.2	21.7
South Carolina	48.1	19.5	49.4	23.4	49.4	23.4
South Dakota	23.5	27.2	44.1	18.4	39.7	30.9
Utah	27.6	37.9	75.9	41.4	48.3	27.6
West Virginia	60.0	7.5	40.0	15.0	47.5	30.0
Wisconsin	18.3	27.0	47.5	20.3	53.0	34.3
Wyoming	41.7	22.9	60.4	25.0	43.8	35.4
DODEA	47.8	34.8	65.2	39.1	21.7	21.7

BEST COPY AVAILABLE

Level of Support for Technology Plans by Groups

Percent 4 and 5 on a scale in which 1 is "Little or None" and 5 is "Very High."

QUESTION 13 WEIGHTED	Principals	Teachers	Teachers' association	Parents	School Board	Superintendent	Students	Business Community
Overall	73.0	61.5	44.6	61.5	77.4	86.8	72.9	53.2
Alabama	48.1	56.0	51.5	47.9	65.5	83.2	64.9	51.9
Arizona	77.1	76.1	45.5	70.8	81.7	92.0	74.4	71.5
Arkansas	78.5	51.5	42.5	58.2	81.5	91.2	67.7	44.7
Colorado	57.9	45.5	43.1	72.2	77.6	88.3	84.2	62.3
Delaware	79.6	27.5	27.5	58.0	94.6	74.2	78.1	82.0
Hawaii	100.0	100.0	83.5	100.0	72.5	100.0	92.4	100.0
Illinois (including Chicago)	72.1	45.6	41.0	50.7	76.8	83.7	73.2	48.7
Illinois (excluding Chicago)	78.4	60.0	42.5	62.6	84.5	89.7	80.5	49.4
Chicago	60.0	17.9	37.4	26.8	61.8	72.1	58.8	47.6
Kentucky	77.0	80.8	57.2	56.1	91.0	87.2	65.6	44.3
Massachusetts	73.6	66.8	45.8	71.0	77.5	88.2	77.5	57.7
Minnesota	76.3	62.7	42.8	55.9	87.0	93.4	64.6	44.0
Mississippi	70.2	61.2	31.1	56.5	81.1	89.1	68.6	44.3
Missouri	60.2	49.4	18.8	50.4	85.8	92.6	60.2	45.8
Nebraska	91.9	85.6	53.3	68.6	68.1	94.8	88.0	50.0
Nevada	34.4	4.9	4.7	24.5	28.6	31.7	27.3	22.1
New Jersey	77.0	75.0	55.8	65.0	82.6	94.9	82.7	46.5
New Mexico	72.0	75.5	60.0	93.9	94.3	97.0	89.7	30.3
North Carolina	62.0	50.7	33.2	55.2	68.3	78.8	74.9	48.7
North Dakota	84.9	79.0	67.4	62.5	91.7	74.6	72.9	59.6
Oregon	64.6	45.7	26.0	38.3	72.4	82.0	62.9	58.4
Pennsylvania	81.7	76.3	63.4	73.1	84.3	88.3	79.0	50.7
Rhode Island	91.6	91.1	52.4	79.9	61.9	100.0	69.1	19.8
South Carolina	83.3	66.9	31.2	66.2	73.2	84.0	83.2	77.5
South Dakota	94.6	84.0	72.5	77.0	93.7	98.1	59.4	61.0
Utah	95.8	89.0	66.1	85.5	97.6	99.5	80.3	63.6
West Virginia	70.5	69.8	41.0	64.2	77.6	88.9	74.8	60.9
Wisconsin	80.6	51.0	43.2	58.8	68.3	91.2	75.1	50.4
Wyoming	70.0	56.9	30.0	47.6	73.8	89.8	59.1	45.2
DODEA	91.9	68.4	29.3	82.2	93.1	94.5	87.0	46.6

QUESTION 13 WEIGHTED *(continued)*	Software/ hardware companies	Telecom-munications companies	Local post-secondary institutions	Community groups	Foundations	State department of education	County office of education	Regional educational service agencies
Overall	42.8	43.8	39.1	38.1	32.0	70.6	43.0	50.0
Alabama	35.1	34.2	32.8	33.3	24.7	84.8	63.0	36.2
Arizona	56.5	63.4	64.0	56.2	39.2	54.9	30.5	43.3
Arkansas	24.9	23.6	18.2	20.5	16.9	67.1	8.4	26.6
Colorado	48.0	41.3	46.1	57.4	50.8	53.0	27.0	38.5
Delaware	60.2	37.6	29.6	22.6	22.6	66.2	75.0	0.0
Hawaii	24.1	51.6	51.6	76.8	49.4	100.0	32.3	49.4
Illinois (including Chicago)	39.9	39.8	42.6	39.7	42.2	60.7	53.7	62.5
Illinois (excluding Chicago)	33.4	33.4	38.5	37.3	36.6	56.1	58.0	70.3
Chicago	51.9	51.5	49.9	44.6	52.8	69.5	44.9	47.4
Kentucky	33.0	28.7	17.1	26.0	15.7	96.1	80.5	65.7
Massachusetts	44.9	39.8	33.9	39.2	34.2	76.3	3.3	30.2
Minnesota	49.8	47.0	31.2	34.8	22.0	48.1	24.1	44.9
Mississippi	50.1	56.5	37.9	30.9	24.2	95.6	66.6	40.4
Missouri	15.1	17.7	17.8	11.5	5.2	67.4	4.6	19.9
Nebraska	59.0	63.6	50.3	24.3	17.1	69.0	7.0	75.3
Nevada	24.2	24.2	26.6	22.6	22.3	76.7	10.6	1.2
New Jersey	54.6	56.2	36.1	36.8	30.5	81.0	79.3	57.6
New Mexico	27.3	32.4	45.3	35.5	68.7	95.9	4.8	14.6
North Carolina	58.6	47.7	41.3	31.0	37.1	86.1	79.3	57.3
North Dakota	36.1	44.0	51.7	40.2	28.3	32.7	12.7	31.4
Oregon	35.0	41.1	23.2	27.7	28.0	35.5	55.1	65.7
Pennsylvania	40.5	35.1	32.4	40.1	20.4	64.5	0.0	63.6
Rhode Island	31.7	48.7	18.6	29.8	78.1	74.5	0.0	12.3
South Carolina	53.0	65.8	51.4	45.4	38.9	76.2	53.1	52.3
South Dakota	26.2	73.0	64.9	57.1	40.3	83.0	42.4	66.3
Utah	48.8	58.5	59.2	55.2	55.2	94.1	63.5	72.2
West Virginia	51.4	59.7	41.8	38.7	40.7	88.8	85.4	73.0
Wisconsin	41.7	41.6	43.7	24.4	15.0	63.5	8.8	60.7
Wyoming	17.5	19.6	24.5	34.1	18.9	73.1	8.3	31.0
DODEA	7.2	1.5	18.3	71.9	14.3	59.3	53.9	57.4

Sources of Funding or In-kind Goods and Services for Technology to Date

Percent responding yes.

QUESTION 14 WEIGHTED	GOVERNMENTAL						
	State funds	State bonds	Federal funds	District categorical funds for technology	District general funds	Local bonds	Regional educational service agencies
Overall	77.7	9.8	65.6	64.6	76.7	32.7	13.1
Alabama	80.6	5.4	91.4	50.4	51.6	19.0	6.2
Arizona	54.5	5.0	67.0	50.1	61.2	57.9	6.6
Arkansas	53.5	1.5	80.9	60.6	87.9	11.1	8.6
Colorado	35.8	0.1	52.9	75.6	94.9	44.0	7.2
Delaware	75.8	4.1	62.4	52.7	52.0	0.0	7.4
Hawaii	76.8	0.0	83.5	0.0	25.3	0.0	16.5
Illinois (including Chicago)	78.3	3.8	65.3	61.1	75.4	16.5	23.2
Illinois (excluding Chicago)	70.7	0.9	48.5	68.6	78.5	17.9	20.7
Chicago	92.5	9.2	96.5	47.3	69.6	13.8	27.9
Kentucky	97.8	0.9	85.1	81.7	95.7	27.7	8.7
Massachusetts	85.4	36.6	60.1	70.8	75.9	37.8	3.9
Minnesota	78.3	4.2	43.7	66.1	86.7	42.8	11.3
Mississippi	82.8	13.6	75.2	55.5	80.9	14.2	11.6
Missouri	96.8	0.0	77.9	73.5	80.1	27.7	5.2
Nebraska	54.4	0.0	59.8	49.9	81.4	36.2	45.4
Nevada	100.0	0.0	97.3	95.6	94.4	82.3	0.1
New Jersey	82.8	3.4	71.3	74.8	77.9	27.9	10.7
New Mexico	53.6	41.8	49.3	79.0	88.7	53.2	7.9
North Carolina	98.2	24.8	63.3	62.1	66.3	42.2	11.9
North Dakota	83.5	0.0	79.0	62.0	85.0	6.4	0.1
Oregon	53.0	29.4	29.8	64.9	70.4	50.6	42.8
Rhode Island	100.0	11.3	65.4	92.5	82.6	38.7	25.0
South Carolina	89.2	5.4	67.2	60.1	83.2	31.3	14.7
South Dakota	74.2	0.4	40.7	70.3	74.8	0.6	10.6
Utah	79.8	0.9	58.2	66.7	83.4	19.7	5.3
West Virginia	100.0	2.3	73.7	64.5	63.5	30.2	47.1
Wisconsin	94.0	4.4	67.3	66.0	83.0	21.5	15.3
Wyoming	57.9	0.0	51.9	83.4	84.8	25.6	4.4
DODEA	0.5	0.0	86.8	55.2	67.4	0.0	11.2

QUESTION 14 WEIGHTED *(continued)*	NON-GOVERNMENTAL								
	Teachers' association	Software/ hardware companies	Telecom-munications companies	Other businesses	School fund-raising	Parents	Local post-secondary institutions	Community partnerships	Foundations
Overall	3.0	32.8	29.7	30.2	65.7	54.6	13.5	37.6	37.6
Alabama	3.1	7.3	23.2	27.3	77.8	62.9	8.8	28.0	34.0
Arizona	1.6	46.6	17.3	34.6	52.8	55.8	15.9	44.6	28.3
Arkansas	0.0	5.7	9.7	19.3	45.4	52.1	3.6	17.5	21.0
Colorado	15.5	61.4	33.8	38.3	72.9	56.0	24.5	38.5	50.4
Delaware	0.0	38.5	0.0	0.0	15.5	23.1	0.0	0.0	30.5
Hawaii	7.0	32.9	72.5	72.5	100.0	100.0	24.1	100.0	83.5
Illinois (including Chicago)	2.8	41.4	26.5	34.4	63.0	46.6	17.9	39.5	47.1
Illinois (excluding Chicago)	14.8	23.3	18.0	21.7	55.1	44.5	10.1	25.2	38.0
Chicago	3.1	75.0	42.4	57.8	77.6	50.3	32.3	66.2	63.9
Kentucky	2.4	31.1	27.5	18.0	70.9	57.9	9.3	41.2	32.5
Massachusetts	1.2	47.2	37.1	32.8	66.3	50.1	10.8	37.2	31.0
Minnesota	8.3	13.7	12.7	21.1	51.9	42.4	3.2	25.7	41.4
Mississippi	2.0	22.5	30.4	41.8	67.6	54.6	12.3	29.3	29.2
Missouri	0.0	50.8	39.6	20.0	61.7	44.7	4.4	32.5	24.7
Nebraska	0.0	0.8	27.0	6.3	44.7	42.9	0.0	2.9	14.3
Nevada	5.7	84.5	17.2	20.7	93.0	91.6	18.8	85.9	88.1
New Jersey	0.1	36.7	45.4	20.4	46.6	42.6	8.9	30.9	31.2
New Mexico	0.0	1.7	3.0	31.0	81.3	70.5	19.7	75.5	60.6
North Carolina	2.6	35.2	52.9	36.4	78.4	62.7	21.3	43.3	38.7
North Dakota	0.9	2.5	36.7	36.5	66.7	31.7	23.4	29.5	39.4
Oregon	12.2	44.7	23.0	29.1	78.6	69.5	6.2	38.6	24.1
Rhode Island	0.6	47.4	54.6	33.9	71.1	82.3	25.0	26.3	71.0
South Carolina	0.2	7.4	25.8	10.3	53.0	41.9	5.1	18.0	14.0
South Dakota	0.0	15.8	36.8	30.7	52.1	19.5	7.5	15.7	28.1
Utah	0.9	32.8	67.6	62.2	86.0	55.7	24.0	64.4	82.3
West Virginia	3.6	28.3	37.1	31.5	75.8	57.1	3.7	53.1	26.4
Wisconsin	3.2	28.3	32.0	28.9	53.9	51.8	20.1	17.5	25.8
Wyoming	0.0	20.9	20.4	17.5	65.0	57.4	7.2	22.5	20.1
DODEA	0.0	0.0	0.0	0.0	43.3	17.8	0.0	30.8	0.0

BEST COPY AVAILABLE

Extent to Which the Following Uses of Technology Occur in District

Percent 4 and 5 on a scale in which 1 is "Never" and 5 is "Frequently."

QUESTION 15 WEIGHTED	Community has access to technology in schools during non-school hours.	Students have access to technology during non-school hours.	School staff provides support to community members for their technology needs.	Students provide support to community members for their technology needs.	Parents and teachers can communicate via email.
Overall	17.9	21.9	10.8	5.6	26.0
Alabama	13.9	6.0	3.8	3.1	5.0
Arizona	23.4	17.2	7.1	1.3	7.7
Arkansas	10.5	6.5	5.7	4.1	20.9
Colorado	10.7	24.0	16.0	3.1	24.7
Delaware	0.0	36.6	0.0	0.0	43.5
Hawaii	7.6	16.5	7.6	0.0	24.1
Illinois (including Chicago)	15.3	24.2	10.9	10.2	20.2
Illinois (excluding Chicago)	20.7	30.6	11.9	9.1	28.3
Chicago	4.9	12.2	8.9	12.2	4.9
Kentucky	20.9	19.9	17.3	20.5	36.9
Massachusetts	28.4	25.9	15.4	6.4	17.4
Minnesota	29.5	33.0	15.5	4.5	52.2
Mississippi	16.9	7.6	7.6	4.3	10.8
Missouri	27.8	40.7	13.5	4.2	33.0
Nebraska	28.4	32.3	20.6	18.1	41.0
Nevada	0.5	3.2	0.0	0.0	17.2
New Jersey	14.6	29.0	11.7	10.5	20.2
New Mexico	5.9	10.3	7.6	5.2	29.9
North Carolina	7.4	23.1	12.3	2.8	31.7
North Dakota	43.6	51.9	38.2	34.1	36.3
Oregon	20.0	18.9	8.2	6.8	47.1
Rhode Island	12.4	25.1	3.9	0.0	10.9
South Carolina	10.7	15.6	10.6	4.8	39.9
South Dakota	37.6	43.9	33.8	4.5	36.4
Utah	31.0	36.9	7.1	0.6	37.8
West Virginia	22.6	23.2	6.9	0.8	17.2
Wisconsin	16.7	32.1	10.9	2.0	24.2
Wyoming	29.1	34.6	22.6	19.5	28.5
DODEA	6.2	8.3	2.5	2.7	56.7

Schools in District that Have Formal Partnerships that Focus on School Technology

Percent indicating they have partnership with group.

QUESTION 16 WEIGHTED	Software/ hardware companies	Telecom- munications companies	Local non- technology business	Community groups	Foundations	Professional organizations	Local colleges/ universities	Regional educational service agencies
Overall	31.6	30.6	23.6	27.8	26.5	14.8	37.5	30.0
Alabama	9.0	22.5	21.1	22.4	4.2	14.2	2.9	19.2
Arizona	50.1	30.3	27.3	29.3	32.2	12.6	49.7	20.4
Arkansas	17.9	9.7	13.9	9.3	5.7	0.2	31.7	21.0
Colorado	44.2	34.7	19.4	36.7	40.3	21.8	42.4	23.8
Delaware	23.1	0.0	0.0	0.0	23.1	0.0	30.5	7.4
Hawaii	58.3	56.1	7.6	51.6	0.0	24.1	72.5	39.7
Illinois (including Chicago)	36.1	34.7	33.5	41.0	44.4	21.4	54.6	44.9
Illinois (excluding Chicago)	24.2	21.9	20.7	28.8	30.7	7.0	35.4	41.2
Chicago	58.3	58.4	57.3	63.6	70.0	48.2	90.1	51.6
Kentucky	36.2	37.2	30.4	32.0	31.3	10.0	38.2	26.4
Massachusetts	33.2	37.8	28.6	37.6	20.9	14.6	47.6	31.2
Minnesota	28.1	26.4	17.3	33.1	32.0	17.9	19.4	34.8
Mississippi	14.3	25.7	19.2	14.8	9.1	2.9	26.9	12.6
Missouri	5.4	11.3	4.5	3.3	20.0	0.8	32.2	17.8
Nebraska	2.0	6.7	2.9	2.0	23.8	3.6	19.2	30.3
Nevada	86.3	19.7	22.4	20.2	84.7	82.3	26.1	0.3
New Jersey	35.9	48.2	19.4	21.9	25.5	15.5	38.1	39.7
New Mexico	53.0	53.1	60.3	19.1	24.8	0.0	40.4	14.2
North Carolina	32.5	41.1	18.8	37.8	28.1	14.6	44.3	20.2
North Dakota	1.4	20.0	26.8	30.4	7.2	21.4	40.8	25.0
Oregon	32.9	21.6	18.3	13.8	29.8	4.9	34.0	49.3
Pennsylvania	20.3	16.4	18.6	27.7	11.9	10.5	32.7	41.5
Rhode Island	25.6	57.6	15.5	6.1	31.6	4.1	34.4	17.7
South Carolina	20.4	25.6	23.6	20.6	12.1	4.8	31.5	9.2
South Dakota	7.4	27.7	5.3	18.7	23.3	3.0	47.8	29.3
Utah	48.1	64.9	34.8	23.6	63.9	19.3	44.9	4.9
West Virginia	33.2	19.2	26.7	16.5	32.5	10.2	29.1	56.7
Wisconsin	26.5	32.5	21.8	23.5	17.3	17.4	38.8	52.6
Wyoming	19.2	40.2	31.6	29.0	18.2	18.2	45.4	32.7
DODEA	5.5	1.0	2.5	26.9	12.3	2.5	32.2	5.5

Districts that Have a Formal Technology Plan

QUESTIONS 17-18 UNWEIGHTED	Yes, we have a formal plan.	No, we are in the process of developing a plan.	No, we do not have a formal district technology plan.	Average number of years covered in district technology plan.
Overall	93.6	5.1	1.3	4.1
Alabama	100.0	0.0	0.0	3.8
Arizona	74.8	17.2	8.1	4.4
Arkansas	94.5	3.1	2.4	4.3
Colorado	93.2	6.8	0.0	4.0
Delaware	100.0	0.0	0.0	3.9
Hawaii	66.7	16.7	16.7	4.5
Illinois (including Chicago)	91.9	7.9	0.2	3.9
Illinois (excluding Chicago)	91.4	8.4	0.2	3.9
Chicago	100.0	0.0	0.0	3.7
Kentucky	100.0	0.0	0.0	3.3
Massachusetts	96.5	3.1	0.4	4.8
Minnesota	92.7	6.6	0.8	3.7
Mississippi	99.1	0.9	0.0	4.0
Missouri	95.2	3.6	1.2	4.6
Nebraska	93.9	0.0	6.1	3.9
Nevada	100.0	0.0	0.0	4.3
New Jersey	100.0	0.0	0.0	4.3
New Mexico	100.0	0.0	0.0	4.2
North Carolina	100.0	0.0	0.0	4.6
North Dakota	94.4	3.7	1.9	3.8
Oregon	95.9	2.8	1.4	4.1
Pennsylvania	99.4	0.0	0.6	4.1
Rhode Island	100.0	0.0	0.0	4.4
South Carolina	94.4	5.6	0.0	4.5
South Dakota	80.2	16.8	3.1	3.8
Utah	96.3	3.7	0.0	4.7
West Virginia	87.2	12.8	0.0	4.0
Wisconsin	97.6	2.4	0.0	4.0
Wyoming	97.9	2.1	0.0	4.2
DODEA	95.7	4.3	0.0	4.3

Cost and Funding of District Technology Plan

QUESTIONS 19-22 UNWEIGHTED	Projected average cost per district of implementing technology properly and fully, based upon district technology plan	Percent expected to be reduced by E-Rate	Percent of district technology plan that has been fully funded to date (including the value of donated goods and services)	Percent of district operating budget currently going toward technology	Percent of district capital budget currently going toward technology
Overall	1,926,353	18.6	48.1	3.6	5.1
Alabama	2,487,213	37.9	32.3	4.0	4.6
Arizona	2,376,012	26.5	27.2	4.0	6.9
Arkansas	700,037	21.2	40.9	4.0	3.7
Colorado	1,720,924	18.1	51.9	3.8	5.9
Delaware	1,556,429	18.0	47.1	2.9	3.3
Hawaii	3,100,000	62.0	40.0	9.0	6.6
Illinois (including Chicago)	N/A[1]	13.7	47.9	4.1	6.4
Illinois (excluding Chicago)	1,142,492	10.4	49.0	4.0	6.2
Chicago	N/A[1]	68.2	15.3	8.8	13.1
Kentucky	1,815,681	32.0	56.2	4.3	2.6
Massachusetts	2,798,208	10.4	48.7	3.4	3.5
Minnesota	1,802,954	13.3	41.8	3.8	8.5
Mississippi	1,438,004	32.6	53.1	4.6	5.2
Missouri	1,186,965	16.8	45.2	3.6	4.5
Nebraska	356,830	15.3	41.2	4.8	2.2
Nevada	8,354,473	9.6	44.8	2.6	0.5
New Jersey	1,900,070	15.7	57.3	3.4	5.3
New Mexico	1,976,477	30.7	44.3	4.1	5.6
North Carolina	4,755,746	24.8	44.5	4.3	7.7
North Dakota	248,856	22.8	55.6	3.5	2.0
Oregon	1,422,519	18.9	47.2	3.2	4.2
Pennsylvania	1,842,569	16.4	65.1	2.2	4.1
Rhode Island	1,533,386	11.2	50.4	1.5	2.5
South Carolina	4,280,061	21.1	37.5	4.1	4.0
South Dakota	330,731	24.6	55.7	4.2	14.5
Utah	6,601,923	9.1	51.0	3.2	3.4
West Virginia	2,099,971	22.1	48.8	2.8	1.2
Wisconsin	2,225,874	11.0	52.3	3.1	3.0
Wyoming	1,543,106	14.9	49.8	2.6	2.7
DODEA	5,156,842	1.9	33.9	4.2	3.4

[1] Data not available.

Expenditure per Student per Year

TABLE 3	Total expenditure per student[1]	Weighted average cost of technology plan[2]	Percent of expenditure to implement technology
Overall	6,237	144.38	2.23%
Alabama	4,786	114.40	2.39%
Arizona	4,599	145.56	3.16%
Arkansas	4,596	105.64	2.30%
Colorado	5,766	109.02	1.89%
Delaware	7,434	139.89	1.88%
Hawaii	6,685	26.62	0.40%
Illinois (including Chicago)	6,905	N/A[4]	N/A[4]
Illinois (excluding Chicago)	6,905[3]	164.67	2.38%
Chicago	N/A[4]	N/A[4]	N/A[4]
Kentucky	5,866	137.98	2.35%
Massachusetts	8,083	185.09	2.29%
Minnesota	6,934	177.66	2.56%
Mississippi	4,528	102.74	2.27%
Missouri	5,529	186.02	3.36%
Nebraska	6,332	89.00	1.41%
Nevada	5,371	130.19	2.42%
New Jersey	10,153	162.35	1.60%
New Mexico	5,692	66.46	1.17%
North Carolina	5,509	105.57	1.92%
North Dakota	5,504	135.27	2.46%
Oregon	6,357	98.53	1.55%
Pennsylvania	7,700	140.95	1.83%
Rhode Island	8,001	100.97	1.26%
South Carolina	5,572	135.83	2.44%
South Dakota	4,936	97.18	1.97%
Utah	3,732	97.67	2.62%
West Virginia	6,978	95.89	1.37%
Wisconsin	7,765	245.64	3.16%
Wyoming	7,097	187.38	2.64%
DODEA	N/A[4]	350.26[4]	N/A[4]

[1] U.S. Department of Education, National Center for Education Statistics. *Early Estimates of Public and Secondary Education Statistics. School Year 1998-99.* Washington, D.C.: 1999.

[2] Milken Family Foundation, *Milken Exchange Survey of Technology in the Schools*, 1998-99.

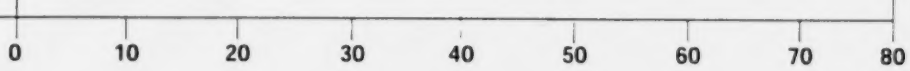
[3] Assumes same amount as state average.

[4] Data not available.

...ST COPY AVAILABLE

Student to Computer Ratio

QUESTION 23 UNWEIGHTED	Average number of students to computers available for student use that are capable of accessing the Internet
Overall	18.5
Alabama	63.8
Arizona	22.0
Arkansas	11.2
Colorado	10.8
Delaware	7.2
Hawaii	11.4
Illinois (including Chicago)	20.9
Illinois (excluding Chicago)	14.5
Chicago	34.9
Kentucky	8.3
Massachusetts	12.8
Minnesota	11.7
Mississippi	19.6
Missouri	8.0
Nebraska	6.1
Nevada	39.3
New Jersey	23.2
New Mexico	14.1
North Carolina	14.3
North Dakota	10.5
Oregon	15.8
Rhode Island	12.2
South Carolina	8.9
South Dakota	9.0
Utah	8.2
West Virginia	9.1
Wisconsin	15.9
Wyoming	17.5
DODEA	16.8



Connectivity

QUESTION 24 WEIGHTED	PERCENTAGE OF SCHOOLS IN DISTRICT THAT HAVE THE MAJORITY OF ITS CLASSROOMS:		
	Connected to a local area network (LAN)	Connected to the Internet via the LAN	Connected to the Internet via direct telephone line
Overall	64.0	59.7	15.9
Alabama	46.0	31.7	24.1
Arizona	58.9	55.5	10.2
Arkansas	56.9	55.0	11.1
Colorado	78.8	71.2	16.4
Delaware	79.5	84.1	2.3
Hawaii	48.6	50.0	3.1
Illinois (including Chicago)	45.9	42.7	20.6
Illinois (excluding Chicago)	60.5	56.3	17.6
Chicago	17.7	17.2	26.0
Kentucky	74.3	71.5	11.7
Massachusetts	61.7	59.6	13.5
Minnesota	75.7	75.8	10.0
Mississippi	58.4	53.3	16.1
Missouri	78.1	79.0	15.3
Nebraska	85.5	83.4	49.2
Nevada	47.5	34.3	47.5
New Jersey	60.9	58.8	12.8
New Mexico	69.9	69.7	12.7
North Carolina	69.6	67.0	14.5
North Dakota	74.3	73.8	32.8
Oregon	73.6	76.1	14.7
Pennsylvania	68.3	61.2	10.5
Rhode Island	54.5	52.5	15.9
South Carolina	77.6	78.3	8.1
South Dakota	69.9	68.9	11.7
Utah	79.7	80.6	29.0
West Virginia	74.9	72.5	9.1
Wisconsin	58.2	54.1	22.1
Wyoming	68.8	57.3	11.3
DODEA	63.3	56.0	7.7

Technical Support and Maintenance for Technology

QUESTIONS 25-26 WEIGHTED	When technology at schools breaks down, number of hours it typically takes to fix the problem	FREQUENCY OF PROVIDING TECHNICAL SUPPORT OR MAINTENANCE FOR TECHNOLOGY Percent 4 and 5 on a scale in which 1 is "Never" and 5 is "Frequently."							
		Classroom teachers	Library media teacher	Other school staff hired specifically for those purposes (including computer lab teachers, computer aides)	Other school staff with additional responsibilities	District provides on contract or as needed	Commercial providers on contract or as needed	Students	Regional educational service agencies
Overall	53.6	9.3	27.0	68.5	29.8	46.3	22.0	4.9	6.2
Alabama	108.1	6.3	40.8	34.5	37.7	48.7	25.6	1.6	0.7
Arizona	52.6	13.9	21.6	84.7	32.1	66.3	16.7	4.5	0.3
Arkansas	44.4	1.8	19.4	50.7	24.6	45.5	14.7	4.0	4.2
Colorado	35.9	12.5	30.2	64.6	43.0	61.0	9.5	3.9	0.8
Delaware	52.2	16.2	20.4	69.5	46.7	64.4	27.5	17.7	0.0
Hawaii	28.5	0.0	0.0	83.5	0.0	24.1	16.5	0.0	10.2
Illinois (including Chicago)	46.9	10.8	20.1	65.1	31.1	29.1	20.6	1.9	4.5
Illinois (excluding Chicago)	40.5	7.1	23.9	74.5	33.0	34.5	21.7	3.0	4.2
Chicago	52.5	17.4	13.2	48.2	27.6	19.4	18.7	0.0	4.9
Kentucky	39.7	1.9	15.8	76.6	30.9	64.7	12.3	29.4	4.2
Massachusetts	42.3	11.3	21.6	71.1	29.6	30.6	18.4	5.5	1.7
Minnesota	23.9	1.4	40.1	84.8	37.8	41.5	26.5	1.5	10.6
Mississippi	39.3	15.8	22.6	51.3	27.0	44.8	28.5	6.3	2.8
Missouri	36.8	1.5	15.4	75.0	36.0	27.1	15.1	3.0	0.8
Nebraska	13.9	5.5	62.8	82.4	45.1	17.4	5.7	0.7	14.0
Nevada	185.8	2.4	0.3	72.4	23.6	70.3	65.6	0.0	0.0
New Jersey	35.2	9.1	19.5	76.0	39.9	50.8	41.3	18.6	2.1
New Mexico	47.9	10.4	14.4	88.5	20.6	62.3	59.4	1.6	1.6
North Carolina	89.1	5.2	50.0	58.9	7.6	68.2	13.0	3.4	0.0
North Dakota	42.1	8.6	23.1	60.3	49.0	28.9	17.8	2.8	0.2
Oregon	51.7	4.0	33.1	57.4	28.1	45.1	2.6	8.9	13.5
Pennsylvania	12.7	6.3	10.6	80.1	29.1	24.6	25.6	3.6	19.5
Rhode Island	61.8	0.0	16.0	72.6	n/a	28.9	16.6	3.7	0.0
South Carolina	61.0	7.9	54.1	55.1	43.9	70.2	26.7	3.5	1.2
South Dakota	22.8	9.6	9.6	86.5	40.9	19.4	12.9	0.8	0.0
Utah	115.4	23.1	31.3	61.3	24.9	64.0	5.5	0.5	3.8
West Virginia	58.8	22.3	29.6	46.1	42.9	41.5	20.9	3.1	69.1
Wisconsin	34.6	19.4	45.1	68.5	23.6	44.4	22.8	2.8	2.7
Wyoming	52.8	19.8	28.5	82.3	29.4	12.2	2.7	15.0	0.0
DODEA	45.2	4.8	23.6	90.2	10.1	82.8	48.3	0.0	0.0

Computers that Are Not Used

QUESTIONS 27-28 UNWEIGHTED	Percent of computers at schools in district that are not used	IMPORTANT FACTORS IN EXPLAINING WHY THESE COMPUTERS ARE NOT USED Percent 4 and 5 on a scale in which 1 is "Not Important" and 5 is "Very Important."							
		Teachers are not trained to use them	Classrooms do not have the appropriate wiring	No interest	Too many other computers	Outdated computers	Computers require repair	No appropriate software	Need to revise curriculum
Overall	4.5	31.5	19.8	20.7	2.8	63.2	26.5	18.3	22.4
Alabama	3.8	59.7	34.1	28.5	6.1	80.0	52.3	54.6	36.7
Arizona	3.6	23.9	24.1	14.5	0.3	62.1	30.3	27.3	15.7
Arkansas	4.0	18.0	16.3	17.5	1.9	66.4	41.2	16.7	9.5
Colorado	3.8	44.3	11.3	41.5	2.7	92.1	23.5	23.9	26.9
Delaware	4.5	68.7	0.0	0.0	0.0	31.3	36.7	6.6	19.7
Hawaii	2.8	46.8	0.0	0.0	0.0	85.2	53.2	53.2	53.2
Illinois (including Chicago)	6.3	62.6	47.3	31.0	1.0	63.7	25.8	21.8	39.1
Illinois (excluding Chicago)	3.4	38.9	25.9	28.4	2.1	58.7	29.9	22.0	31.9
Chicago	11.6	86.1	68.9	33.6	0.0	69.2	21.6	21.6	46.0
Kentucky	4.3	20.0	5.5	21.3	2.0	25.5	11.9	9.6	13.1
Massachusetts	4.7	18.4	7.1	13.4	3.4	52.7	22.2	10.1	12.2
Minnesota	3.1	17.3	9.2	20.5	3.3	80.3	47.3	21.6	21.6
Mississippi	3.6	28.3	18.4	20.1	3.9	68.1	34.9	26.3	16.7
Missouri	2.9	32.7	6.0	24.9	3.0	77.4	49.5	9.6	5.3
Nebraska	1.2	4.1	13.1	0.0	0.0	84.5	50.5	10.1	4.1
Nevada	1.2	64.7	51.7	15.6	0.0	42.0	21.0	37.9	47.2
New Jersey	6.2	27.9	37.7	20.4	2.0	35.9	14.3	13.6	28.9
New Mexico	4.2	97.1	31.9	87.0	0.0	73.2	27.5	50.1	62.9
North Carolina	4.3	28.8	4.7	12.8	3.9	45.4	14.1	6.4	28.8
North Dakota	1.5	27.3	8.5	21.9	2.6	76.9	26.4	38.6	19.4
Oregon	6.3	42.3	21.6	32.9	0.9	80.4	30.8	20.7	20.0
Pennsylvania	3.7	12.4	17.9	6.9	2.2	48.4	23.7	11.6	15.6
Rhode Island	6.8	4.6	22.1	29.1	0.0	41.6	31.7	4.4	11.1
South Carolina	8.9	47.7	14.1	28.5	6.1	57.3	14.1	24.0	27.1
South Dakota	3.0	14.6	5.1	48.0	7.0	57.5	31.2	14.7	5.8
Utah	4.3	7.5	50.6	8.3	1.4	84.7	30.6	5.9	9.3
West Virginia	6.1	53.1	17.7	46.9	28.4	71.2	21.8	4.4	18.0
Wisconsin	4.4	25.0	18.8	15.7	2.5	84.1	17.8	13.1	21.6
Wyoming	6.1	36.2	25.7	12.6	3.2	91.1	18.4	15.6	9.7
DODEA	4.0	38.7	41.3	8.0	0.8	89.6	43.3	13.8	25.0

BEST COPY AVAILABLE

Federal Funds and Discounts

QUESTION 29 UNWEIGHTED	PERCENTAGE OF SCHOOLS IN DISTRICT THAT HAVE DIRECTLY BENEFITTED FROM:	
	TLCF	E-Rate
Overall	33.9	41.7
Alabama	75.8	23.2
Arizona	40.5	31.3
Arkansas	15.3	47.1
Colorado	32.2	49.0
Delaware	32.0	42.9
Hawaii	84.3	83.5
Illinois (including Chicago)	21.8	26.9
Illinois (excluding Chicago)	22.1	27.0
Chicago	18.7	23.4
Kentucky	94.2	90.4
Massachusetts	17.0	47.3
Minnesota	5.3	31.2
Mississippi	28.4	63.1
Missouri	27.5	42.4
Nebraska	20.3	50.7
Nevada	71.0	27.7
New Jersey	52.5	62.1
New Mexico	62.1	72.7
North Carolina	38.8	41.7
North Dakota	15.8	28.6
Oregon	22.7	37.8
Pennsylvania	30.5	30.5
Rhode Island	11.1	26.1
South Carolina	41.0	68.5
South Dakota	19.6	12.8
Utah	37.4	78.7
West Virginia	38.5	79.3
Wisconsin	41.6	55.3
Wyoming	48.9	14.4
DODEA	0.0	0.6

BEST COPY AVAILABLE